

XLIII. *Descriptions of Two new Species of Diurnal Lepidoptera.* By W. C. HEWITSON, F.L.S.

[Read 6th April, 1863.]

Papilio Birchallii.

Alis nigris, serie submarginali macularum ochracearum; anticis maculis quatuor analibus; posticis fascia transversa viridiochracea, posticis subtus macula costali maculaque anali flavis, maculis quatuor intermediis minutis lunulisque submarginalibus sanguineis.

Upperside dark brown. Anterior wing with a bifid spot at the middle of the costal margin, a submarginal band of conical spots, and above them, near the anal angle, four ill-defined spots, all ochre-yellow. Posterior wing dentated, with a central, irregular, deeply-sinuated, transverse band of grey-green, divided into eight by the nervures (one part within the cell), and a submarginal band of spots of the same colour.

Underside rufous-brown. Anterior wing with a twice curved macular band of seven greenish-yellow spots, commencing at the middle of the costal margin by the small spot described above, and ending on the inner margin near the anal angle; the second spot (within the cell) lunular; the third small, triangular; the fourth hastate; the fifth and sixth conical; the seventh small; a submarginal band of five pale yellow spots between the anal angle and the middle of the wing. Posterior wing with a round bifid spot at the middle of the costal margin, two lunular spots (one small) at the anal angle, and between them, in a direct line, four minute scarlet spots; also a submarginal band of seven spots of the same colour.

Exp. $4\frac{7}{10}$ inch. Hab. New Granada.

In the collection of Mr. Edwin Birchall, of Birkenhead, sent to him with a large collection of beautiful species (many of them new) from Bogota by a brother, to whom, for his zeal in the pursuit we have so much at heart, I have dedicated this species.

From Mr. Edwin Birchall I have received, though a stranger to him, the same generous kindness which is characteristic of all the Lepidopterists with whom it has been my lot to associate.

This species has a double aspect; it seems to connect the two

groups which are represented on the one hand by *P. Victorinus* of Doubleday, and on the other by *P. Coristheus* of Boisduval. It is very nearly allied to *P. Coræbus*, a species lately described by Dr. Felder, from Venezuela.

Morpho Alexandra.

Alis nitidissimis, argenteo-purpureoque cæruleis, marginibus fuscis; subtus anticis ocellis quatuor, posticis ocellis sex (tertio minuto cæco).

Upperside. Male.—Brilliant silvery-blue; purple near the outer margins, which are brown and narrow, with lunules between the nervures; the ocelli of the underside slightly seen.

Underside rufous- or lilac-white clouded with rufous-brown, the nervures and three sub-marginal lines brown. Anterior wing with the cell rufous-brown, crossed midway by a band of white, the disco-cellular nervures marked by a band of brown; crossed beyond the middle by four black ocelli, the pupils white, large, the iris rufous, margined with black; followed by three transverse bands; the first, near the ocelli, zig-zag, rufous-brown; the second darker brown; the third, and the space between it and the outer margins, rufous-brown. Posterior wing with the base and a band within the cell rufous-brown, the end of the cell darker brown; the wing crossed at the middle by a broad unequal band of silvery-white, deeply sinuated on both sides and broadly margined with rufous-brown, and marked with six ocelli, smaller than those of the anterior wing, five of them black, with pupils of white and rufous—iris bordered with black; the first ocellus (near the costal margin), the fourth, fifth and sixth of nearly equal size; the second smaller, indistinct; the third minute, blind; the first sub-marginal transverse band formed of circular arches, the other two, near the margin and each other, together with the dentations of the margin, dark brown.

Exp. $6\frac{1}{2}$ inches.

This very splendid new *Morpho* is the property of Mr. G. G. Labrey, of Bowdon, near Manchester, who has generously given me free access to his extensive collection. In form and in size it is most nearly allied to *Morpho Anaxibia*, but with the colour of *Morpho Cytheris*, changing to pink, and near the outer margins to brilliant ultramarine-blue.